

AMENDMENTS TO CLAIMS

Please amend the claims as follows:

1. (currently amended) A hydrostatic gas bearing of an orifice type comprising:
a gas injection port; and
an air groove communicating with the gas injection port,
wherein a clearance (h) of the hydrostatic gas bearing is at most $5 \pm 3 \mu\text{m}$, and the ratio of a
depth (g) of the air groove to the clearance (h) is at least 5; and
wherein the hydrostatic gas bearing uses a single restriction mechanism and is made of,
as a main component, at least one of silicon nitride and Sialon.
2. (canceled)